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Overview

Universal Serial Bus (USB) port technology has emerged in response to the proliferation of external peripheral devices (scanners, digital cameras, removable drives, etc.), that are increasingly being connected to the latest generation of computers. The USB behaves in a similar fashion to conventional bus ports (i.e., serial, parallel, PS/2), but since it does not require any IRQs, more devices can be attached to the system, and the problem of IRQ conflict is eliminated.

The USC-1000A USB Serial adapter provides an external plug-and-play RS-232 serial connection for computers, notebooks, laptops, and handheld computing devices that support the USB specification. It comes with a standard DB25 Male connector for the peripherals to plug into, and an attached 35 cm USB cable with a type A plug for connecting to the computer's USB port, or to a USB hub.

The USC-1000A provides cell phones, PDAs, digital cameras, modems and ISDN terminal adapters with high quality serial connections at a data transfer rate of over 500 Kbps. It make the USB interface transparent to the peripherals, allowing them to easily interface with the USB, eliminating the setup hassle found with traditional serial port connections. As a USB Specification compliant device, the USC-1000A also supports energy-saving suspend and resume operations.

Note: The USC-1000A installs as a virtual port driver on Com3 As such it does not support devices, such as serial mice that require an IRQ number or IO Address.

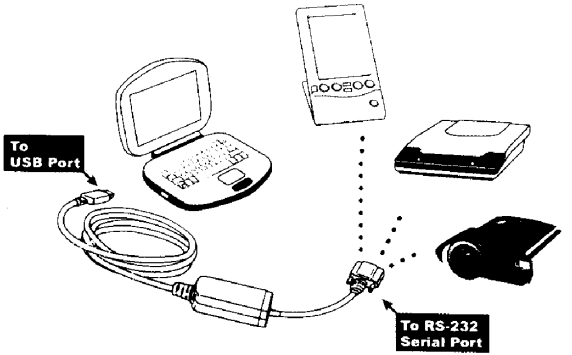
Features

- Full compliance with USB Specification v 1.1
- Supports the RS-232 Serial interface
- Supports automatic handshake mode
- Over 500 Kbps data transfer rate
- Supports Remote wakeup and power management
- Provides a 96 byte buffer for each upstream and downstream data transfer
- Easy installation
- Works With cellular phones, PDAs, digital cameras, modems and ISDN terminal adapters
- Frees your RS-232 ports for other uses
- No IRQ required

System Requirements

- Windows 98 or Windows 2000
- USB Host Controlled installed on the system

Installation



Installing the Adapter

1. With the computer booted up, plug the USC-1000A into the computer's USB port; the New Hardware Wizard appears; click on Next to continue.
2. In the dialog box that comes up, leave the default choice (Search for the best drivers for your device); Click on Next to continue.
3. In the dialog box that comes up, leave the default choice (Floppy disk drives); insert the distribution diskette in the floppy (A:) drive; Click on Next to continue.
4. In the Ready to install... dialog box that comes up, Click on Next to continue. Files are now copied to your hard disk.
5. After the driver files have been copied to the hard disk, a dialog box appears to tell you that the installation has finished. Click on Finish. Windows now finishes up the installation.

Checking the Installation

To check that the adapter was correctly installed:

1. Open the My Computer folder.
2. Open the Control Panel folder.
3. Open the System folder.
4. Click on the Device Manager tab at the top of the dialog box.
5. Click on the plus sign in front of the Universal Serial Bus Controller heading to see the Universal Serial Bus Controller listing.
   If the installation completed successfully, you should see an entry for USB Serial Port in the listing.

Uninstalling the Driver:

If you should ever need to uninstall the driver files:

1. Open the System folder: (My Computer -> Control Panel -> System).
2. Click on the Device Manager tab at the top of the dialog box.
3. Click on the plus sign in front of the Universal Serial Bus Controller heading to see the Universal Serial Bus Controller listing.
4. Select USB Serial Port in the listing.
5. Click on the Remove button.

Peripheral Installation:

Note: a. This procedure only occurs the first time you connect up your peripheral. If your peripheral was previously connected and configured for the RS-232 (COM) port after you perform the Adapter Installation and click on Finish (see previous page), the driver will detect it and install it automatically.

b. Under Windows 2000, if you Connect a modem, you must specify it as a standard Modem.

1. With the computer booted up, and the USC-1000A adapter already plugged into the computer's USB port, plug the peripheral into the USC-1000A them turn the peripheral On.

2. Follow the Installation Wizard's on-screen instructions to complete the installation.

Specifications

Function		specification
Connectors	USB	Type A Plug
	Serial	DB25pin RS232
Data Transfer Rate		Over 500 Kbps
Cable Length		6ft
LED		Data Transfer/Handshaking (Orange)
Power Consumption		450 mW
Power Mode		Bus Powered
USB Specification		V1.1 Compliant
Operating Temperature		5 ~ 40℃
Storage Temperature		-20 ~ 60℃
Humidity		0 ~ 80% RH, Noncondensing
Housing		Plastic
Weight		150g
Dimensions (L x W x H)		66 x 34 x 16 mm